



LKT Laboratories, Inc.

AZD-1208

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## Product Information

Product ID A9708

CAS No. 1204144-28-4

Chemical Name

Synonym

Formula  $C_{21}H_{21}N_3O_2S$

Formula Wt. 379.48

Melting Point

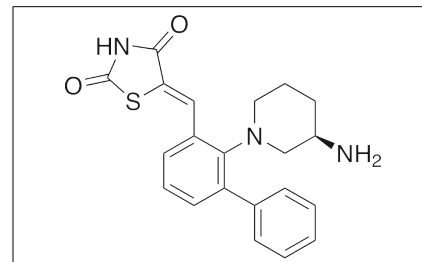
Purity  $\geq 98\%$

Solubility DMSO 75 mg/mL warmed (197.63 mM)  
Water Insoluble  
Ethanol Insoluble

Store Temp 4°C

Ship Temp Ambient

**Description** AZD-1208 is a Pim-1 kinase inhibitor that exhibits anticancer chemotherapeutic activity. In acute myelogenous leukemia (AML) cells, AZD-1208 induces cell cycle arrest and apoptosis, inhibiting phosphorylation of downstream targets such as Bcl-2, 4EBP1, p70S6K, and S6 and suppressing cell growth. In vivo, AZD-1208 inhibits growth of prostate tumor xenografts.



## Pricing and Availability

*Bulk quantities available upon request*

Product ID	Size	List Price
A9708	1 mg	\$162.00
A9708	5 mg	\$471.30
A9708	10 mg	\$868.10

**References** Kirschner AN, Wang J, van der Meer R, et al. PIM kinase inhibitor AZD1208 for treatment of MYC-driven prostate cancer. *J Natl Cancer Inst.* 2014 Dec 13;107(2). PMID: 25505253.

Keeton EK, McEachern K, Dillman KS, et al. AZD1208, a potent and selective pan-Pim kinase inhibitor, demonstrates efficacy in preclinical models of acute myeloid leukemia. *Blood.* 2014 Feb 6;123(6):905-13. PMID: 24363397.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.